

Peak District National Park

Forecast valid from 06:00 on Monday 04 Oct 2021 until 23:59 on Tuesday 05 Oct 2021

Forecast Issued on Monday 04 Oct 2021 at 03:57

Confidence: High for an unsettled start to the week and for becoming rather more settled later in the week but confidence lower for extent of heavier rain Tuesday and cloud amounts later in week.

Headline for Monday 04 Oct 2021: Sunny spells and heavy, perhaps thundery, showers developing. Strong southwesterly winds easing

Mountain weather hazards on Monday 04 Oct 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Sunny intervals	Light rain showers	Light rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability					
20%	30%	40%	50%	30%	20%

Forecast for Monday 04 Oct 2021

Weather: Long clear spells overnight with the odd shower in the west, otherwise dry. Then a bright start with some good spells of sunshine with just a few showers at first in west. However showers develop more widely through the morning with the risk of the odd heavy and perhaps thundery shower in the afternoon. The showers become lighter and less frequent through the evening.

Chance of cloud free mountain/hill tops above 600m: Around 90% falling to 75% for a time in the late morning and afternoon

Visibility: Occasional cloud above 600m during the late morning and afternoon with patches below in heavier showers. Otherwise visibility very good falling to just a few kilometres in heavier showers.

Forecast for Monday 04 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 S	19/25 SW	20/27 SW	17/23 SW	17/24 S	16/23 S	21/29 SE
300	15/24 S	16/22 SW	16/24 SW	12/18 SW	11/18 S	13/22 S	18/28 SE
Valley	9/21 S	10/20 SW	11/23 SW	8/18 S	6/17 S	8/20 SE	11/26 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	7/2	8/4	8/4	7/3	7/4	7/3
300	9/6	9/6	11/8	11/8	10/7	10/7	10/6
Valley	9/7	10/8	12/10	12/10	10/9	10/8	10/8
Freezing Level*	1600m	1500m	1500m	1600m	1700m	1700m	1900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Valley temperatures in east locally 14 or 15 Celsius by day. Rather chilly on summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 04 Oct 2021	0.6mm	11.6mm	18.2mm

Forecast for Tuesday 05 Oct 2021

Weather: Cloud increases from the southwest overnight, with occasionally heavy rain spreading east towards the end of the night. Then a mostly cloudy day with further outbreaks of rain. Becoming drier from the west during the evening with most places dry with clear spells by midnight.

Maximum wind: Easterly 15mph turning more northerly 20-25mph soon after dawn, then northwesterly 25-30mph later in the afternoon with gusts around 45mph over higher peaks.

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the day but improving through the evening.

Visibility: Periods of persistent cloud above 450-600m with patches below, the cloud lifting and breaking through the evening. Otherwise visibility rather hazy falling to just a few kilometres in heavier rain.

Temperature: **Valleys:** Plus 8 or 9 Celsius at first rising to plus 12 or 13 Celsius by day
At 600m: Around plus 7 Celsius
Freezing level: Above summits.